



Attorney Docket No. **UM-04241**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Mark A. Burns *et al.*  
Serial No.: 09/517,680 ✓  
Filed: 03/02/00  
Entitled: Thermal Microvalves

Group No.: 1743  
Examiner: Ludlow, J.

**RESPONSE TO OFFICE ACTION  
MAILED MAY 13, 2003**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECEIVED  
SEP 23 2003  
TC 1700

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)**

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: September 15, 2003

By: Traci E. Light

Traci E. Light

Sir or Madam:

Please enter the following on the record in response to the above cited Office Action mailed on May 13, 2003. Attached as separate papers are a petition for a one month extension of time and the submission of formal drawings.

Amendments to the claims and specification have been made in accordance with revised 37 CFR § 1.21.